HL7 PDDI-CDS WG Meeting 03/21/2018

In Attendance: Richard Boyce, Thomas Reese, Xia Jing, Guilherme Del Fiol, Howard Strasberg, Bryn Rhodes, Guilherme Del Fiol, Oliver He

Agenda:

- Introductions

-- people, project, goals

--- Next Steps?

\* HL7 : CDS Hooks, emerging "MedicationKnowledge"(?) resource (Pharmacy WG), clinical reasoning module (KNART - "PlanDefinition" FHIR resource) for specifying knowledge, emerging "DetectedIssue" FHIR resource for returning results

\* W3C CG : minimum information model (10 entities with definitions and URIs within an ontology); ~12 PDDIs chosen to represent boundary cases in terms of knowledge about the element of info model (word documents with decision trees, (domain analysis model ) represented as Drools rules executable agains data in the OHDSI/OMOP CDM using standard vocabs, protocols for arriving at the value sets.

\* Idea for steps:

--- Take some of the PDDIs and work on representing them in FHIR. -- How? Need to play with mapping to start with. Domain analysis model (downstream) HSPC sandbox to create patients

--- Discuss further if it will a requirement to render the CDS in human readable form

- Planning for next meeting 4/4/18 at noon Eastern.

-- TODO: (all new to HL7) learn more about MedicationKnowledge resource; PlanDefinition; and DetectedIssue resources

-- TODO: Take the Warfarin - NSAIDs interaction and try to lay it out in PlanDefinition --- start with Opioid management : https://github.com/cqframework/opioid-cds and see http://build.fhir.org/ig/cqframework/opioid-cds/